

ABSTRACT

5 MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE,
 ANTIBODIES AND VACCINES FOR PREVENTION
 AND TREATMENT OF MORAXELLA BOVIS INFECTIONS

Moraxella bovis cytotoxin and a gene encoding *Moraxella*
bovis cytotoxin. Identification, isolation, cloning and
10 identification of nucleotide sequence of the *Moraxella bovis*
genes *mbxA*, *mbxB*, *mbxC* and *mbxD*, partial purification of the
native cytotoxin, preparation of partially purified native and
a recombinant *Moraxella bovis* cytotoxin, identification of an
amino acid sequence of the cytotoxin, preparation of antibodies
15 against the *Moraxella bovis* cytotoxin, preparation of vaccines
against *Moraxella bovis*. Method for prevention and treatment
of infectious bovine keratoconjunctivitis caused by *Moraxella*
bovis.